

New Claim 14

14. A projector comprising:

a light source;

separation optical elements that separate light emitted by the light source into

beams of blue, green and red colors;

liquid crystal light panels that modulate respective ones of the blue, green and red

beams separated by the separation optical elements;

a synthesizing optical system that synthesizes the blue, green and red beams

modulated by the light panels;

a projection lens that receives the synthesized modulated light from the

synthesizing optical system; and

a cooling fan positioned in a plane below a surface on which said liquid crystal

light panels are secured, said liquid crystal light panels being operatively associated with said

cooling fan by being positioned directly in the path of cooling air produced by said cooling fan,

the cooling fan having a peripheral portion and a center portion, the peripheral portion of the

cooling fan disposed directly below the liquid crystal light panels for the blue and green beams,

and the center portion of the cooling fan disposed directly below the liquid crystal light panel for

the red beam.